

FROM : EVENSON MCKEOWN

PHONE NO. : 2026288829

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Attorney Docket: 622/42052DV
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: PIUS GRUENENFELDER ET AL.

Serial No.: 08/902,331 Group Art Unit: 1753

Filed: JULY 29, 1997 Examiner: CANTELMO, G.

Title: MAGNETRON ATOMIZATION SOURCE AND METHOD OF USE
THEREOF

CERTIFICATE OF FACSIMILE TRANSMISSION

Assistant Commissioner for Patents
Washington, D.C. 20231

February 10, 2000

Sir:

I hereby certify that an original of this After-Final Response is being faxed to Examiner Cantelmo at the U.S. Patent and Trademark Office (fax number: 703-305-6078) on February 10, 2000.

Respectfully submitted,


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W.M.
2/11/00

AFTER-FINAL RESPONSE
EXPEDITED HANDLING REQUESTED

VIA FACSIMILE - 703-305-6078

intended
for
PA
request
3/9/00

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

The following is responsive to the Office Action mailed

April 9, 1999.

IN THE SPECIFICATION

Page 11, between lines 15 and 16 insert the following
paragraph:

--The above-described relationships between, on one hand,
 d_{113} (the maximal distance of the new atomization surface to the
disk surface to be coated) shown in Fig. 1 and r_{13} (the radius of
the circular workpiece disk), or $\phi 13$ which is $2 r_{13}$, and on the
other hand between " d_{113} " and "a" allows a "target taper" (for
convenience, designated here as d_0) to be defined by the
difference between d_{113} and the distance a which represents the
distance spanned by an interior surface F_q . The disclosed
relationship and the upper and lower values of target taper (d_0)
can thus be represented by the following: